

**To:** Arias, Jack[Arias.Jack@epa.gov]; Bhattacharya, Dipanjana[Bhattacharya.Dipanjana@epa.gov]  
**From:** Smith, Monica  
**Sent:** Sat 8/15/2015 1:52:05 AM  
**Subject:** FW: please send the August 11 validated data tables and summary paragraph to Area Command.  
Animas River from the northern border of NM to Navajo Nation - Sampling Summary for 080615 to 081115 v1.docx  
SurfaceWater\_Cumulative\_Thru\_081115.xlsx

**From:** Smith, Monica  
**Sent:** Friday, August 14, 2015 8:47 PM  
**To:** Loesel, Matthew  
**Cc:** Rauscher, Jon; Webster, Susan; Althea Foster; Petersen, Chris; Eric Delgado  
**Subject:** please send the August 11 validated data tables and summary paragraph to Area Command.

Matt – though Jon Rauscher had generated a summary earlier this morning, now that we have data thru August 11, Jon revised the summary ( see attached). The text file and attached data table summarize the data 8/6-8/11/2015.

#### Animas River from the Northern Border of New Mexico to the Navajo Nation

Surface water samples were collected on Thursday, August 6, 2015 and on Friday, August 7, 2015, at two (2) locations and four (4) locations prior to arrival of the plume along the Animas and San Juan Rivers in New Mexico, respectively. On Saturday, August 8, 2015, nine (9) locations were sampled after arrival of the plume. Additional surface water samples were collected on Sunday, August 9, 2015 through Tuesday, August 11, 2015 at nine (9) locations each day along the Animas and San Juan Rivers of New Mexico, respectively. Each surface water sample was analyzed for 24 metals including arsenic, cadmium, lead, and mercury. The surface water results collected on all six days indicate the concentration of metals in the river would not be expected to cause harm to aquatic life, livestock, crops or people using the river for recreational activities. EPA will continue to take additional surface water samples to document the change in the concentration of metals in the river. The concentration of metals in surface water appear to be returning toward pre-event conditions.

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